

Transfluent

看护系列 - 看看家
Look Look



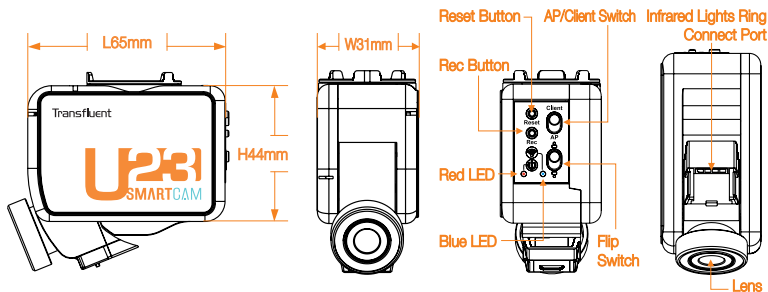
User Manual
使用手册

U231
SMARTCAM
家瞳迷你高清摄录机

Specification

规格书

Resolution	Liveview VGA + recording 1080p 30fps Liveview HD720p + recording 1080p 15fps	实时监控 VGA+ 同时录像 1080p 30 帧 实时监控 720p+ 同时录像 1080p 15 帧
Video Format	MP4, H.264	MP4, H.264
Night Mode	IR-Cut Auto/On/Off	红外滤光片切换自动 / 开 / 关
Lens	Wide angle 120 degree lens	120 度广角镜头
Sensor	CMOS 2.0Mega Pixels	200 万像素
Recording Mode	Cycling Storage 1min/3mins/5mins	循环存储模式 1 分钟 / 3 分钟 / 5 分钟
Video and Audio	Video record with audio	视频加音频录制
Photo Format	JPEG	JPEG
Rotation	Left or right 360 degree infinity rotation Up or down 45 degree move	左向或右向 360 度无限旋转 上下 45° 移动
Wifi	Built in	内置
Monitoring	Real time Sound monitoring Super view (Panoramic)	实时监控 声音监听 超级巡视 (全景)
Control	Remote control by mobile APPs (Android or IOS system)	手机 APP 遥控 (安卓系统或是苹果系统)
Storage	Micro SD card support up to 64G or 128G	TF 卡最高支持 64G 或 128G
Network	P2P(Peer to Peer or Point to Point) Long-range access	P2P 网络或者点对点连接 远程控制
Working Temperature	-10~50°C	-10~50°C
Size	L65*W31*H44mm	长 65* 宽 31* 高 44 mm
Weight	108g	108 克



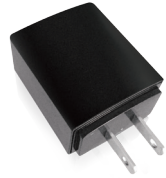
Optional Accessories



U23 P2P Camera +
Common Connector
Input: DC5V 2A



USB Cable (5V 2A)



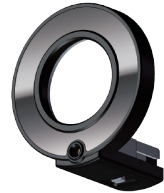
Adaptor (5V 2A)
Input: AC100V-240V
Output: DC5V 2A



E27 Lighting Power Connector
Portiforium Dimension: 3.5inch
Input: AC100V-240V
Output: DC5V 2A



MR16 Lighting Power Connector
Portiforium Dimension: 3inch
Input: AC12V 20W
Output: DC5V 2A



Infrared lights Ring
(Including 12pcs infrared lights)

Monitoring Contrast

Left or right 360 degree
infinity rotation



Up or down
45 degree move



Easy Installation Guide

Easy Installation ①



Easy Installation ②

Accessories Including
Base Support
The proposed Installation



Easy Installation ③



Easy Installation ④



Connections

Match up this 2 position to connect the camera with the common connector.



Red LED On:

U23 power on and standby.

Red LED Flash:

U23 is recording.

Blue LED On: Wifi SSID ready for search under AP mode.

Blue LED Flash: U23 wifi on and ready be search under Client mode. Blue LED will off once U23 been connected to the router.



One finger click out the point A, another finger push the point B to take off the infrared lights ring.



AP and Client switch for point to point and Peer to Peer setting.

Press Rec button before you disconnect the power for U23, it will save your last recording file before power disconnect.

Flip switch for set the image up side down, Please press reset button after switch.

1080P TF card(Micro SD) recording time(hour):
Micro SD card (TF) Support up to 64G or 128G

4G	9 hour
8G	18.2 hour
16G	36.4 hour (1.5 days)
32G	72.8 hour (3 days)
64G	145.6 hour (6 days)
128G	291.2 hour (12 days)

TF card slot



Applications

Do you have this kind of trouble ?

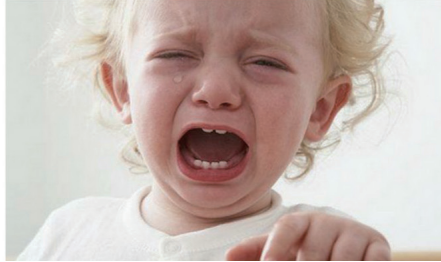


Worry about children
at home ?

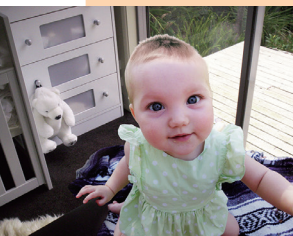
Elders at home
without
someone taking
care of ?



Much more than that: how to select such a device properly ? Low quality products and knockoffs flooded the market and you will even need engineering team for installation and wire connection ! It's such a trouble that I cannot tackle with.



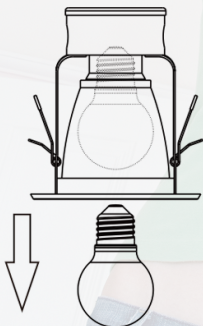
Only a step of changing a bulb
Applicable scenes: Home, small shops, halls, offices,
accounting rooms, computer rooms, garages,
store, houses without guard.



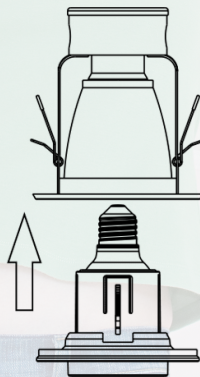
Faster DIY P2P Camera

E27 or MR16 lighting power connector

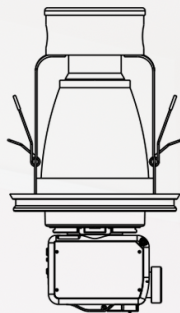
**STEP
1**



**STEP
2**



**STEP
3**



U23 App Interface

1. Download the mobile app named "U23" from Apple store or Google play.



U23
Transfluent technology limited

OPEN

2. Set the U23 switch on AP. Power on the U23 with blue light on.

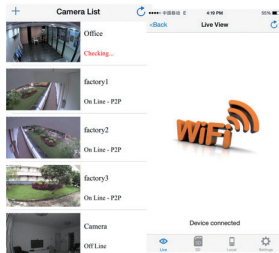


3. Search wifi named "Smart Cam-Transfluent" from mobile setting, selected it. Then return to U23 app.

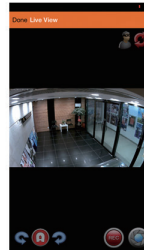


1. Touch to select camera

2. Touch on the orange Wifi icon



3. Access to the live view



4. Click into the app U23 icon then you will see your camera shows on. Long press it until Edit menu comes up.

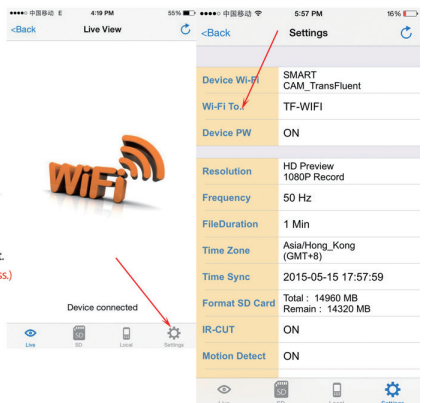
App support to add upto 10pcs U23 into the Camera list.

Long Press



4. Touch to make a settings

5. Touch Wi-Fi To. to set U23 connect to the router

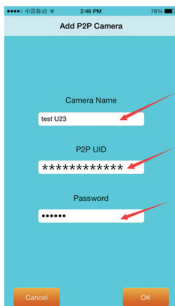


5. Then you will see:

Camera name: just set whatever you like. (Not more than 8 characters.)

P2P UID: *****don't do anything to it. (This is the only one UID for long range access.)

Password: tf1234 (Password can be reset by user, please keep your new password in a save place after changed.)



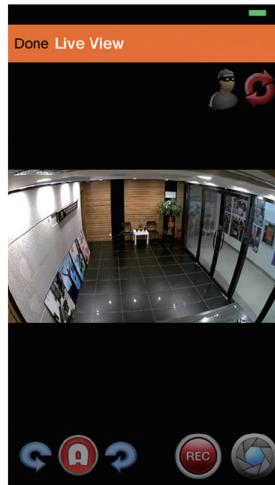
P2P UID is 2 years period starts at the time of product's original purchase by the first end-user

U23 App Interface

6. Automatic search available WiFi ,
Enter the password for the WiFi to
access save and apply.



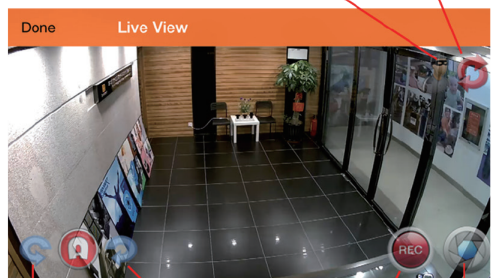
Screen Vertical



7. Switch AP to Client after wifi
setting done.
PS: Please remember to switch
back to AP when you doing
point to point setting.



Screen Horizontal



One touch for 360
degree recording
from left side

One touch for 360
degree recording
from right side

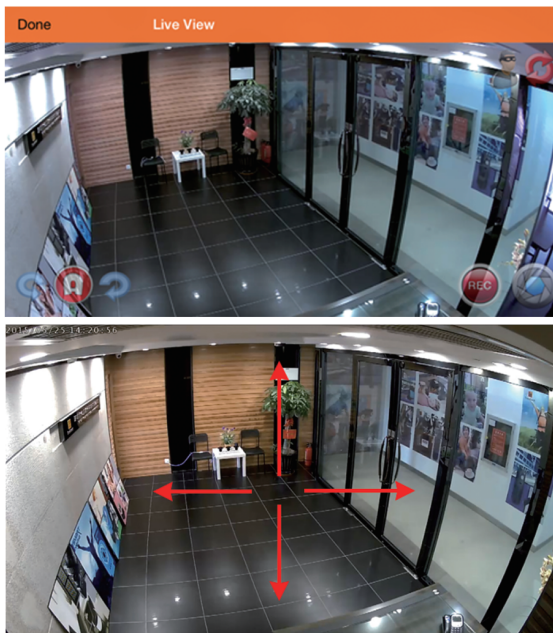
recording/stop recording

Screen shot

Motion detect on
Loop recording on

U23 App Interface

8.U23 P2P Camera will automatically connected to your default wifi. Now P2P setting is done.



Touch and move to control the direction move.



- ① Playback, delete or download the Micro SD card's contents.
- ② Playback or delete the contents been downloaded in the app.
- ③ U23 P2P Camera Settings List

Menu Settings

●●●●○ 中国移动 11:21 am 74%	
<Back	Settings
Device Wi-Fi	SMART CAM_TransFluent
Wi-Fi To..	TF-WIFI
Device PW	ON
Resolution	HD Preview 1080P Record
Frequency	50 Hz
FileDuration	1 Min
Time Zone	Asia/Hong_Kong (GMT+8)
Time Sync	2015-05-29 11:21:41
Format SD Card	Total : 14960 MB Remain : 3760 MB
Live	SD Local Settings

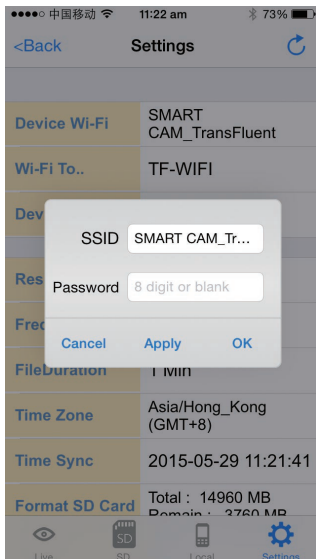
●●●●○ 中国移动 11:21 am 74%	
<Back	Settings
FileDuration	1 Min
Time Zone	Asia/Hong_Kong (GMT+8)
Time Sync	2015-05-29 11:21:41
Format SD Card	Total : 14960 MB Remain : 3760 MB
IR-CUT	ON
Motion Detect	ON
Loop Recording	ON
Firmware Ver.	20150325.12
App Ver.	1.02
Live	SD Local Settings

File Duration: Set loop recording video file in size 1 Min/3 Min/5 Min.

Motion Detect: U23 will only recording by any object move before the lens in 5 meters by standby mode (under not recording mode).

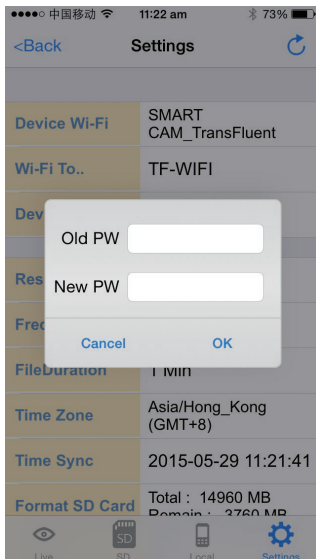
Loop Recording: Continuous recording when card memory is full, new video file will replace the oldest video file to keep recording.

Device Wi-Fi:



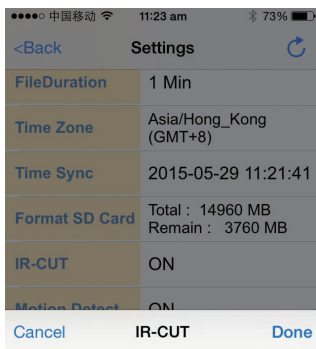
You can set SSID (U23 wifi connection name) and password for mobile connects with U23.

Device PW:



For change long rang access password. (Password can be reset by user, please keep your new password in a save place after changed.)

IR-CUT:



IR-CUT ON: Colorful video recording for usually setting.

IR-CUT OFF: Black and white video recording for low light sensitive area, you can see more clearly than under IR-CUT ON.

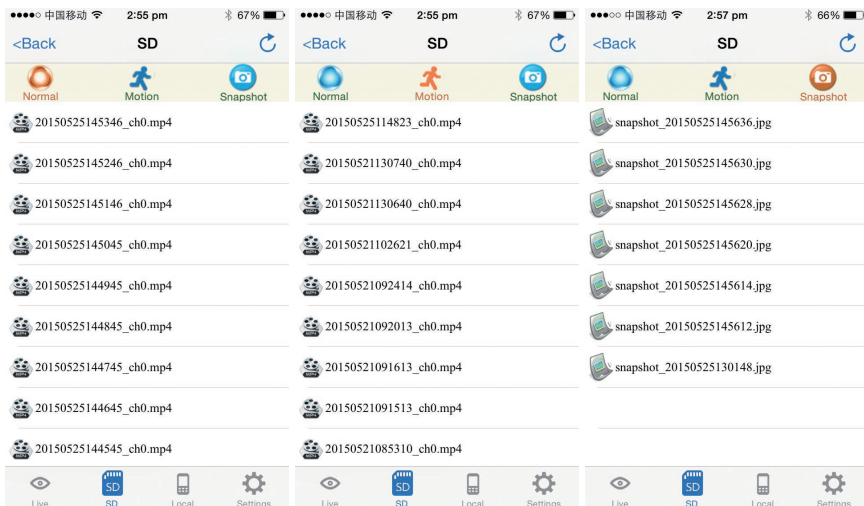
IR-CUT AUTO: Only effect when infrared lights ring connected. IR-CUT will automatically ON/OFF by lights sensitive change.

AUTO

ON

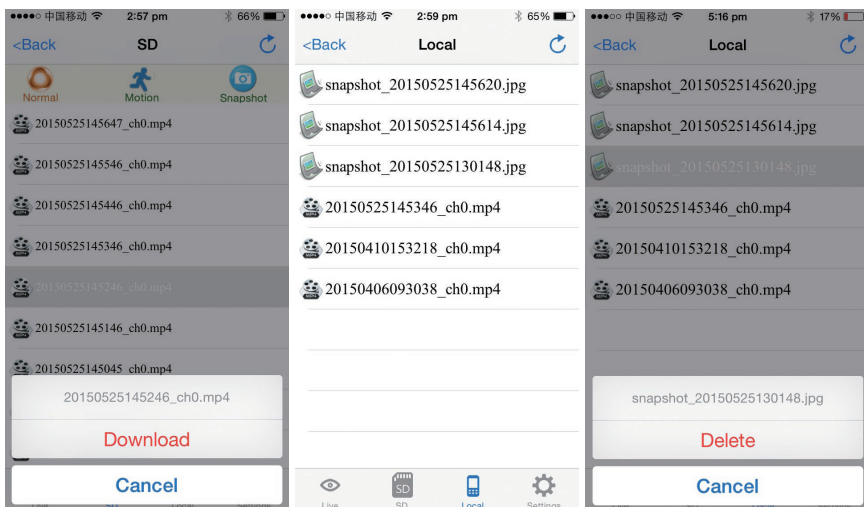
OFF

Check Files in SD card by long range access:



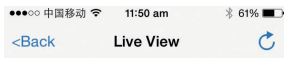
There have Normal, Motion and Snapshot folders in the U23 app, you can touch to select.

Files Download:

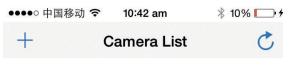
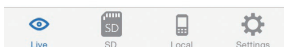


Touch and hold the file which you want to down load to your local mobile. Check the files which you have been downloaded to your local mobile U23 app. And you can touch and hold the file which you want to delete.

Device Disconnected:



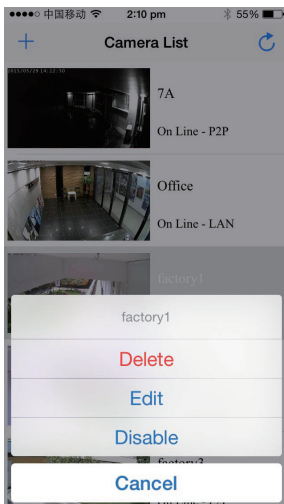
Device disconnected



Please touch the refresh icon  to connect again.

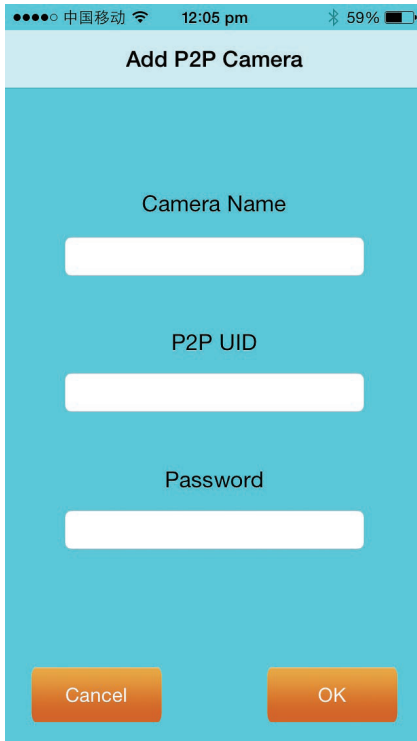
Or touch the back icon goes back to the Camera List then refreshes the camera until shows online.


How to remove the camera from the camera list:



Touch and hold the camera which you want to remove until the delete selection comes up.

Share your P2P UID account to your family or friends:



Download the U23 app, Touch the add icon  from the Camera List, enter the U23 P2P UID and password. Then you can access to the U23 by long range visit.

Frequently asked questions:

1. Why the camera so hot? Is it dangerous ?

The working area temperature is -10~50°C, the U23 Camera both side with metal plates for heat release, so the camera surface temperature is around 75°C. Once the heat release, the U23 Camera will stable for long term use and safe.

2. How to download the local files from U23 app to PC ?

For iPhone or iPad please use your iTunes for download the files from U23 app. For Andriod please just connect your mobile to your PC then you will found the folder.

3. Why I can't see recording files when I connect the U23 by USB to PC ?

The USB port from the common connector is just for power supply, not for data transfer.

4. How many U23 cameras can add in the U23 app's camera list ?

Maximum 10pcs U23 cameras can add in the camera list.

5. How many people can connect the same U23 camera at the same time ?

Live viewing for up to 10 clients

6. Why have noises when direction moves ?

Because of the infinity 360 degree move motor is moving.

7. Why the recording video file is 1080p 15fps not 1080p 30fps ?

Resolution setting on HD preview, video file is 1080p 15fps. Resolution setting on VGA preview, video file is 1080p 30fps.

8. Why sometimes live view image is not stable? Why the live view have mosaic ?

U23 uses cloud technology to handshake the U23 and smart phone. It has seldom chances to miss the handshake and please touch the "refresh" icon in U23 app to handshake again.

9. Does U23 have alert function ?

Video Motion detection is available.

10. How long the P2P UID can be use for the peer to peer long range access ?

2 years period starts at the time of product's original purchase by the first end-user. You can contact Transfluent Technology Limited to extend the period by prepay.

11. Why the video image looks purple to red colour?

Because of the IR-CUT didn't switch to the right position, please set the IR-Cut manually On to Auto or Auto to On from the U23 app then colour will getting back to usual.

12. Does the U23 have zoom ?

Yes, you can, zooming in or zooming out by using your 2 fingers to slide on the screen during live view.

Warranty Card

Warranty Period

The warranty period starts at the time of product's original purchase by the first end-user. The product may consist of several different parts and different parts may be covered by a different warranty period (hereinafter "Warranty period").

Warranty period: One year (366 days) for the U23 P2P Smart Camera and the common connector, and Six (6) months for the accessories (limited to E27 Lighting Power Connector, MR16 Lighting Power Connector, Infrared lights Ring, USB Cable and Travel Adaptor).

Warranty conditions

1. Repairs under warranty period shall be carried out by the company authorized personnel only.
2. Warranty will be applicable only after inspection of the unit and clearance of condition by the authorized factory.
3. Transfluent's obligation under this warranty shall be limited to repair or providing replacement of part/s only. The maximum claim/s if entertained by Transfluent will be subject to the maximum retail price of the product purchased or the purchase price, whichever is lower.
4. The Limited Warranty does not cover:
 - (a) Normal wear and tear
 - (b) Defects caused by rough handling
 - (c) Defects or damages caused by misuse of the Product, including use that is contrary to the instructions provided by Transfluent
 - (d) Other acts beyond the reasonable control of Transfluent
 - (e) Defects or alleged defects caused by the fact that the product was used with, or connected to, any product, accessory, software and/or service not manufactured, or supplied, by Transfluent or was used otherwise than for its intended use. Defects can be caused by viruses from your or a third party's unauthorized access to services, other accounts, computer systems or networks. This unauthorized access can take place through hacking, password mining or through a variety of other means.
5. The Limited Warranty is not enforceable if the Product/accessory is opened, modified, or repaired by anyone other than an authorized factory, if it is repaired using unauthorized spare parts or if the Product's P2P UID number have been removed erased, defaced, altered or are illegible in any way and this shall be determined in the sole discretion of Transfluent.

Customer Details

Name:

Address in full:

Telephone No.:

Email:

.....

Product Details

Model Name:

Product Serial No. or P2P UID No.:

Date of purchase (DD/MM/YY):

Customer's signature & Date
(I accept the terms & conditions of warranty)



Transfluent Technology Limited

www.transfluent.com.cn

www.ds-optics.com